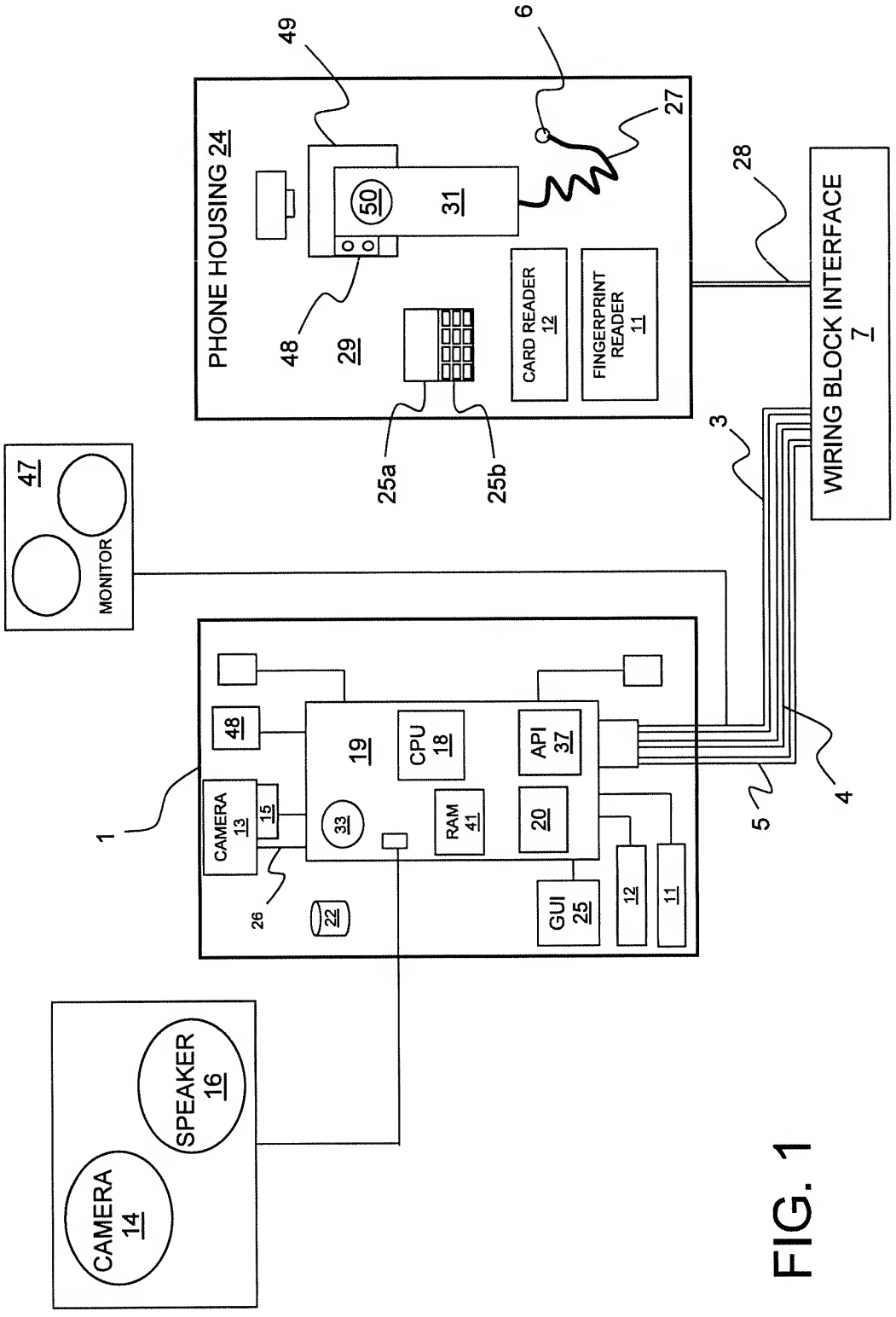
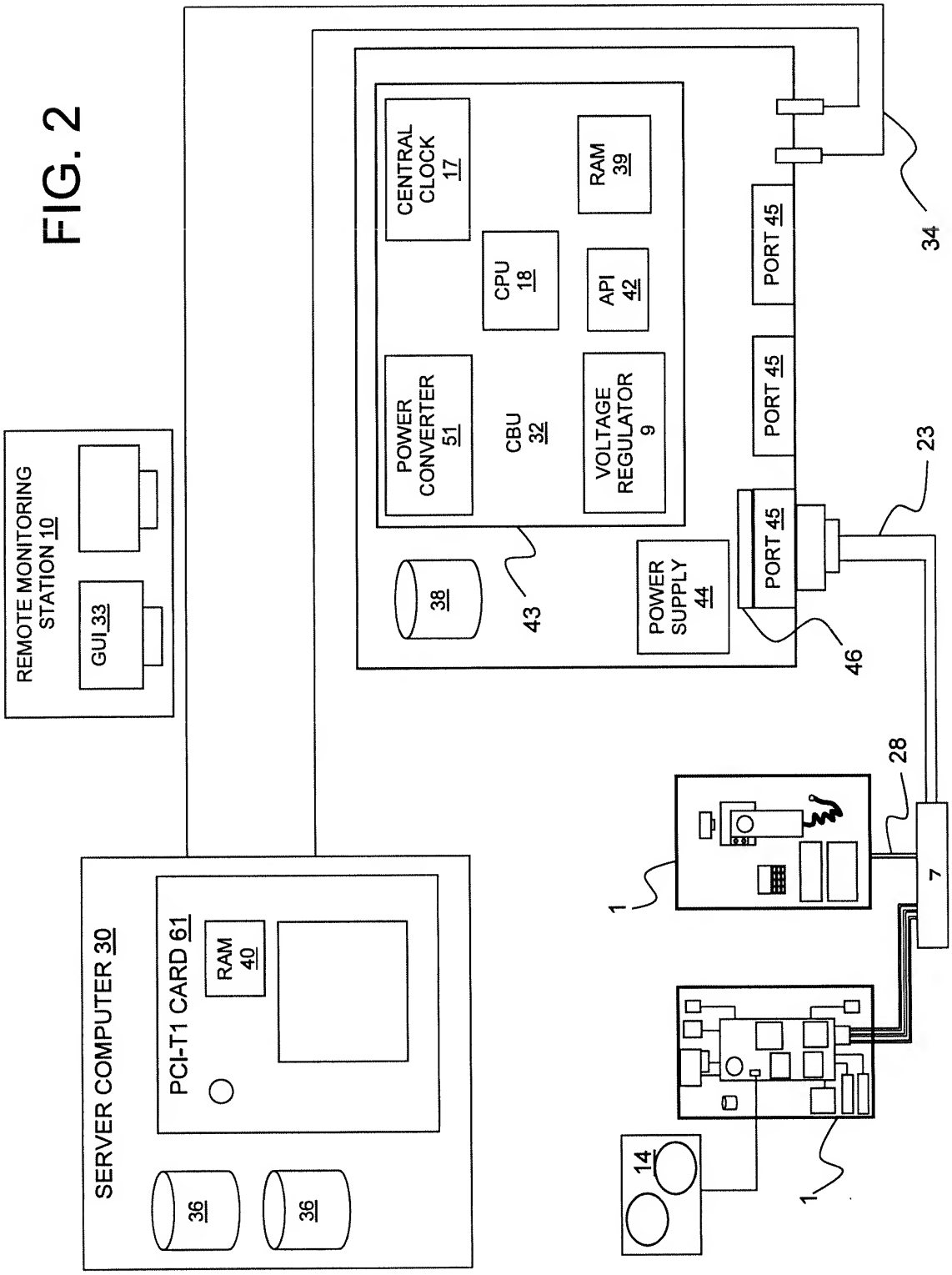

PHONE HOUSING 24
49
6
27
28
50
31
48
29
CARD READER 12
FINGERPRINT READER 11
WIRING BLOCK INTERFACE 7
25a
25b
3
47
MONITOR
1
48
19
CPU 18
API 37
CAMERA 13
15
33
RAM 41
20
26
22
GUI 25
12
11
5
4
CAMERA 14
SPEAKER 16

FIG. 1

FIG. 2


REMOTE MONITORING STATION 10
GUI 33
SERVER COMPUTER 30
PCI-T1 CARD 61
RAM 40
36
36
CENTRAL CLOCK 17
CPU 18
RAM 39
API 42
POWER CONVERTER 51
CBU 32
VOLTAGE REGULATOR 9
38
43
POWER SUPPLY 44
PORT 45
PORT 45
PORT 45
34
46
23
28
7
1
1
14

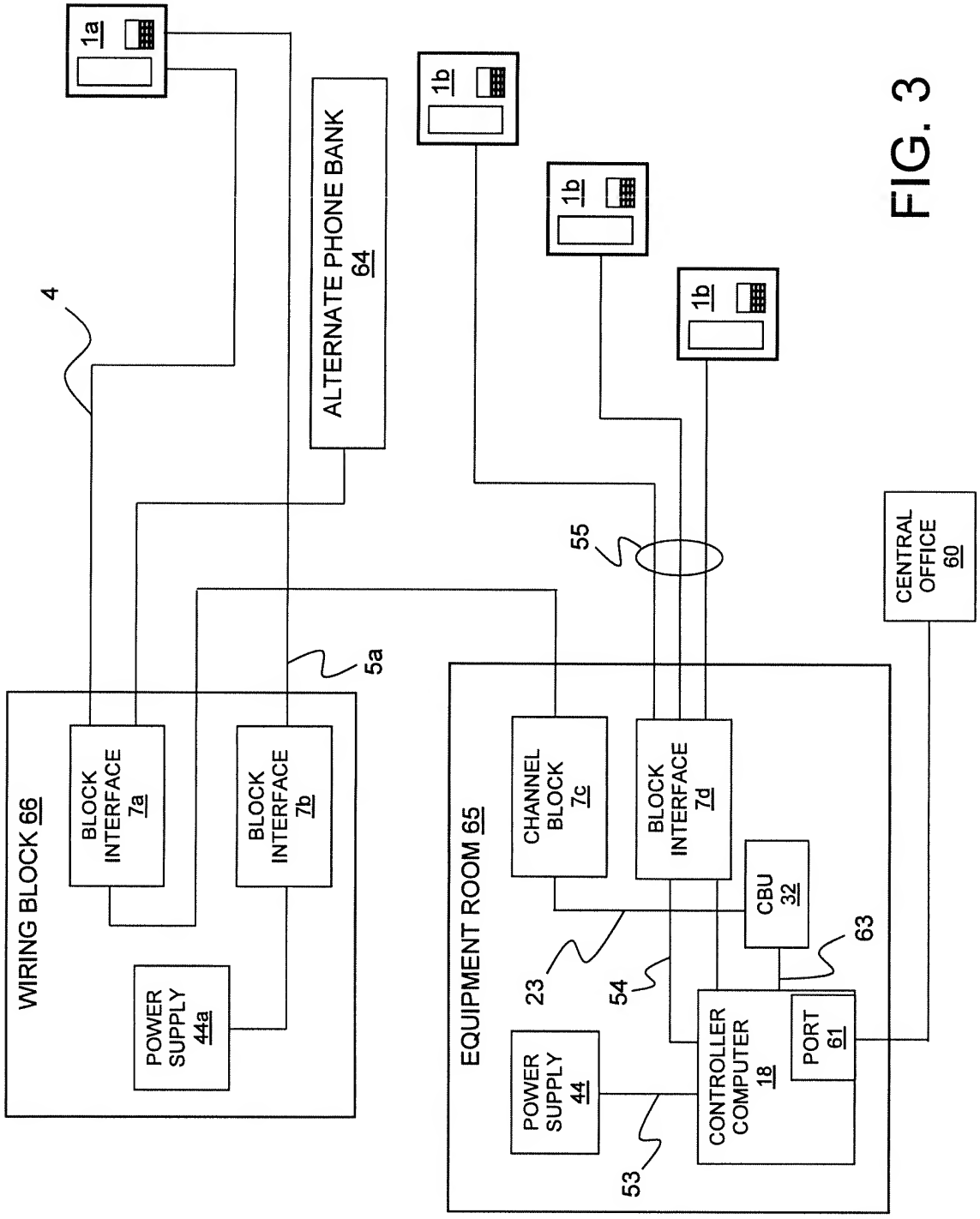

1a
1b
1b
1b
ALTERNATE PHONE BANK 64
4
55
CENTRAL OFFICE 60
5a
WIRING BLOCK 66
BLOCK INTERFACE 7a
BLOCK INTERFACE 7b
POWER SUPPLY 44a
EQUIPMENT ROOM 65
CHANNEL BLOCK 7c
BLOCK INTERFACE 7d
CBU 32
23
54
63
POWER SUPPLY 44
CONTROLLER COMPUTER 18
PORT 61
53

FIG. 3

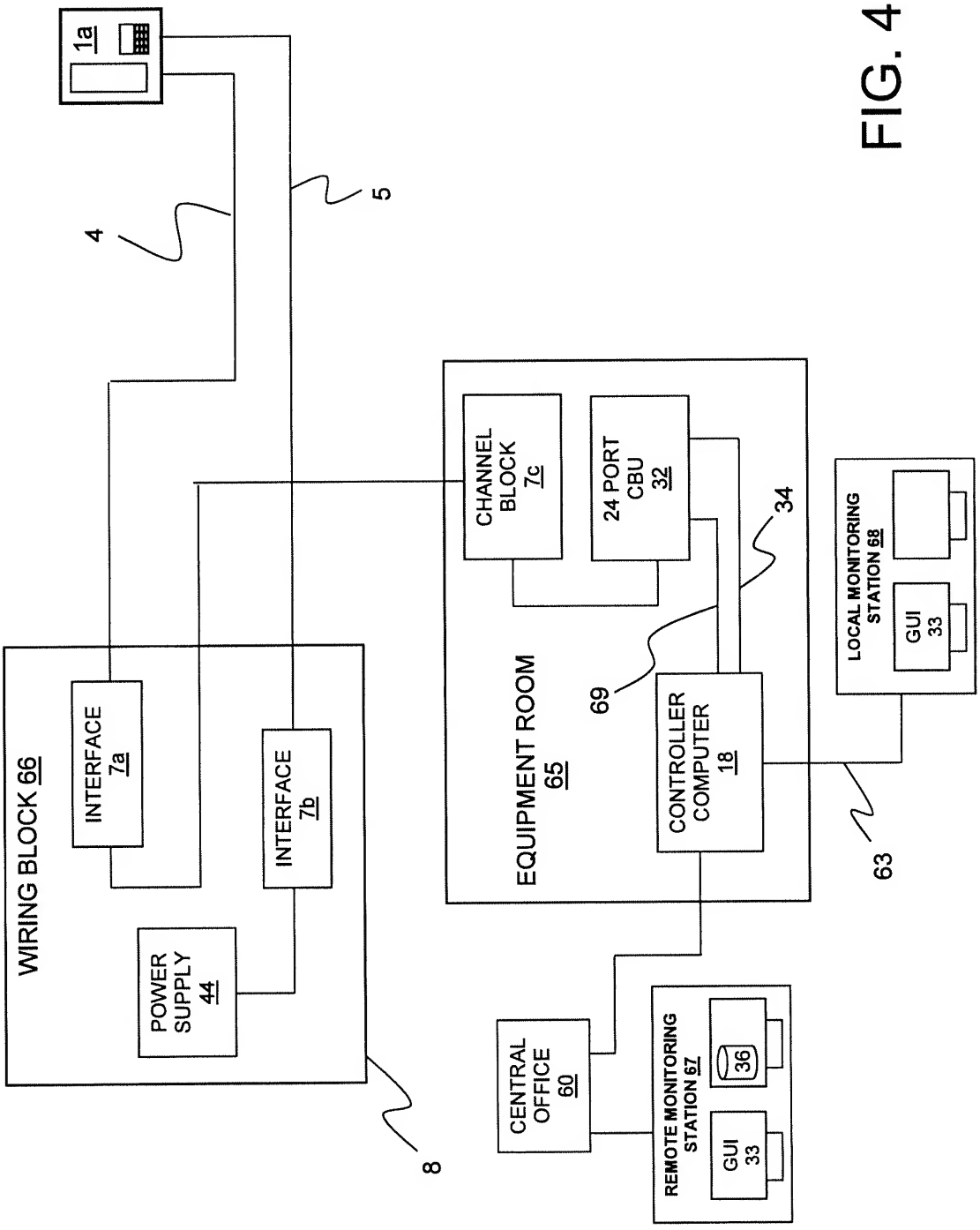
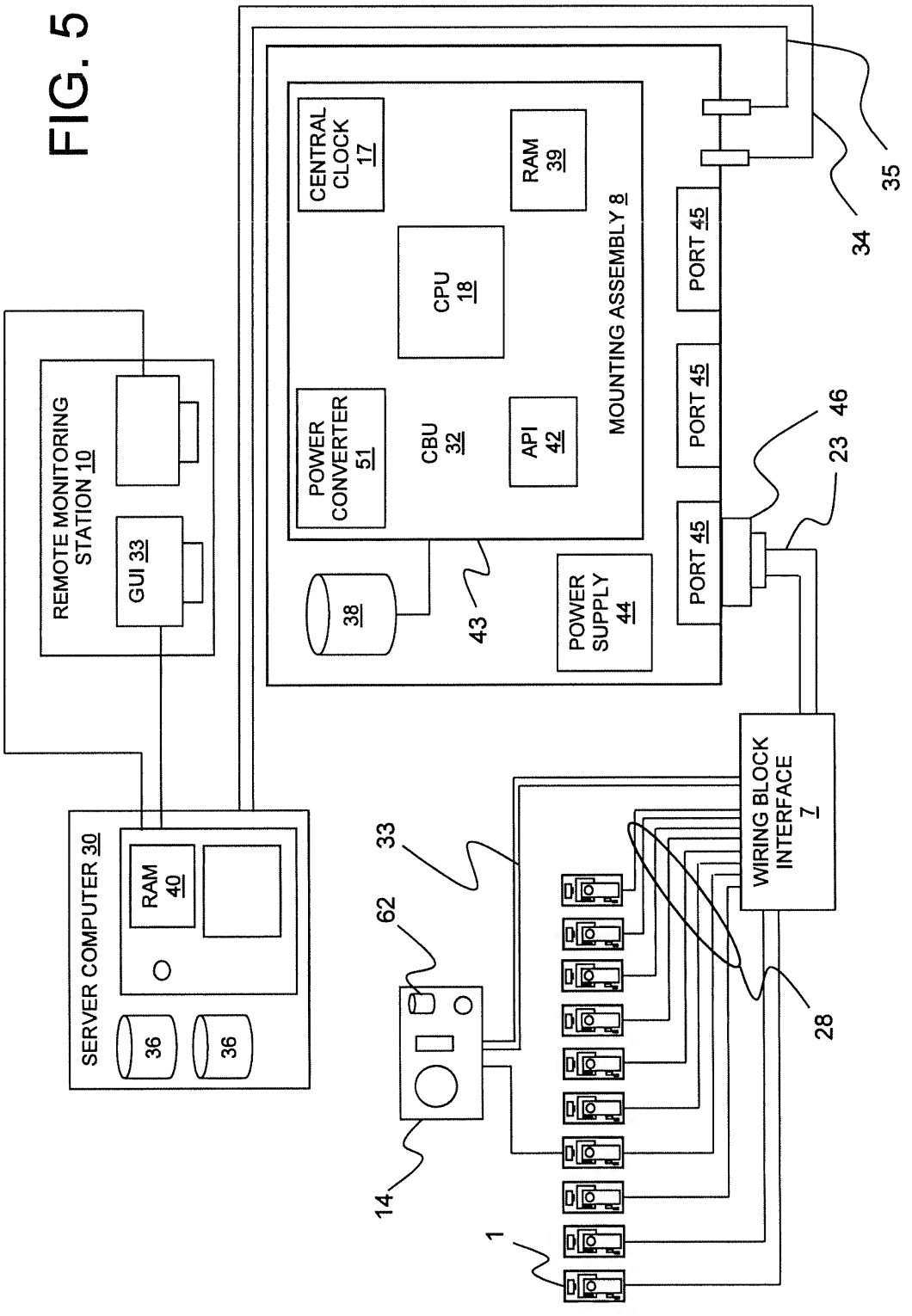

1a
4
5
WIRING BLOCK 66
INTERFACE 7a
INTERFACE 7b
POWER SUPPLY 44
8
EQUIPMENT ROOM 65
CHANNEL BLOCK 7c
24 PORT CBU 32
34
69
CONTROLLER COMPUTER 18
63
LOCAL MONITORING STATION 68
GUI 33
CENTRAL OFFICE 60
REMOTE MONITORING STATION 67
36
GUI 33

FIG. 4

FIG. 5


REMOTE MONITORING STATION 10
GUI 33
SERVER COMPUTER 30
RAM 40
36
36
MOUNTING ASSEMBLY 8
CENTRAL CLOCK 17
RAM 39
CPU 18
POWER CONVERTER 51
CBU 32
API 42
38
43
POWER SUPPLY 44
PORT 45
PORT 45
PORT 45
34
35
46
23
WIRING BLOCK INTERFACE 7
33
62
14
1
28

NEW SHEET

FIG. 6a

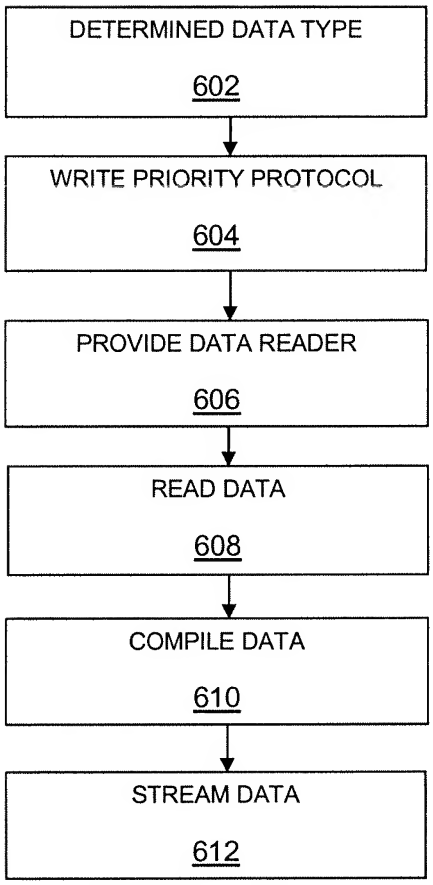


FIG. 6b

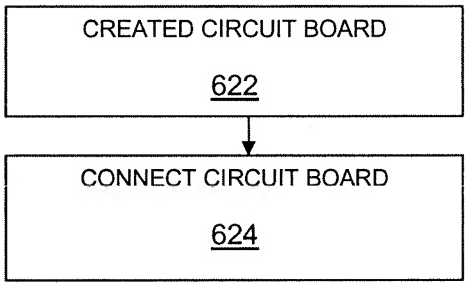


FIG. 6d

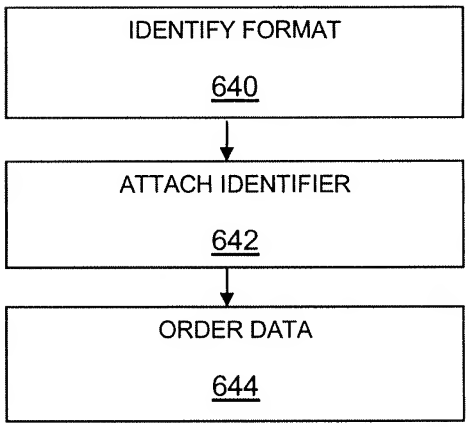


FIG. 6e

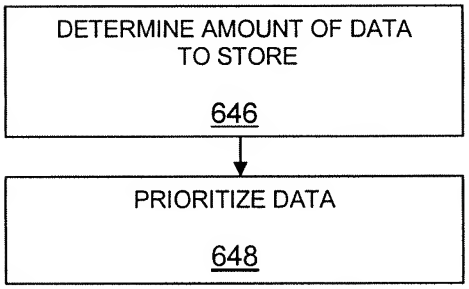


FIG. 6c

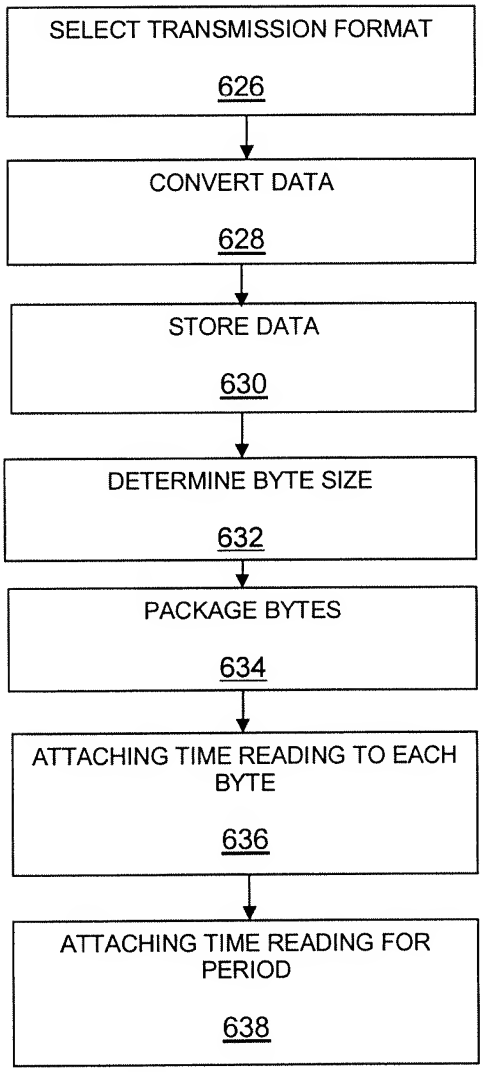
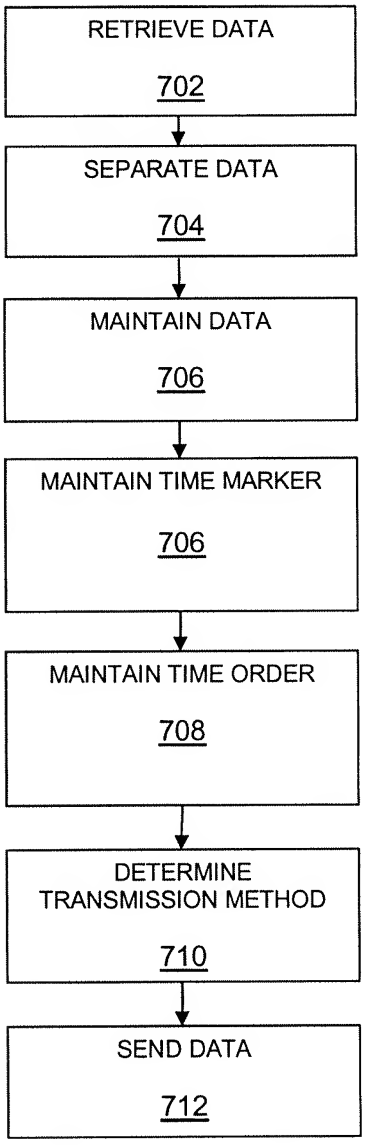

SELECT TRANSMISSION FORMAT
626
CONVERT DATA
628
STORE DATA
630
DETERMINE BYTE SIZE
632
PACKAGE BYTES
634
ATTACHING TIME READING TO EACH BYTE
636
ATTACHING TIME READING FOR PERIOD
638

FIG. 7


RETRIEVE DATA
702
SEPARATE DATA
704
MAINTAIN DATA
706
MAINTAIN TIME MARKER
706
MAINTAIN TIME ORDER
708
DETERMINE TRANSMISSION METHOD
710
SEND DATA
712